



Zahrat Ajman Co.

P30 - P33(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 20 *3	P 22S*4
230/400 V	50 Hz	30KVA	33 KVA
277/480v	60Hz	35KVA	38 KVA

The above ratings represent the generating set capability guaranteed within $\pm 3\%$ at the reference conditions equivalent to those specified in ISO 8528/1

Gensets Small Range



Technical

Engine model	Perkins 1103A-33G	
Cylinders	3 - vertical in-line	
Aspiration	Naturally aspirated	
Combustion	Indirect injection	
Cooling System	Water cooled	
Displacement	3.30 liters	
Oil consumption	0.15 % of fuel consumption	
Lube oil capacity	8.3 liters	
Coolant capacity	10.2 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	7.1 L/H	8.6 L/H
Fuel Consumption @ 75% Load	5.4 L/H	6.6 L/H
Fuel Consumption @ 50% Load	3.9 L/H	4.9 L/H
Radiator Cooling Air Flow	53.0 m3/min	70.0 m3/min
Max exhaust gas flow	5.8 m3/min	6.6 m3/min
Emissions regulations	TA Luft Legislation	

Dimensions

Length	1700 mm
Width	770 mm
Height	1250 mm
Weight	760 Kg

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to API CH4 (15W/40).
- The coolant should be 50% antifreeze and 50% distilled water.

Alternator model

Alternator model	Leroy Somer TAL042C	
Regulation	$\pm 1\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	0.10 m3/s	0.13 m3/s



Image shown may not reflect actual package

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